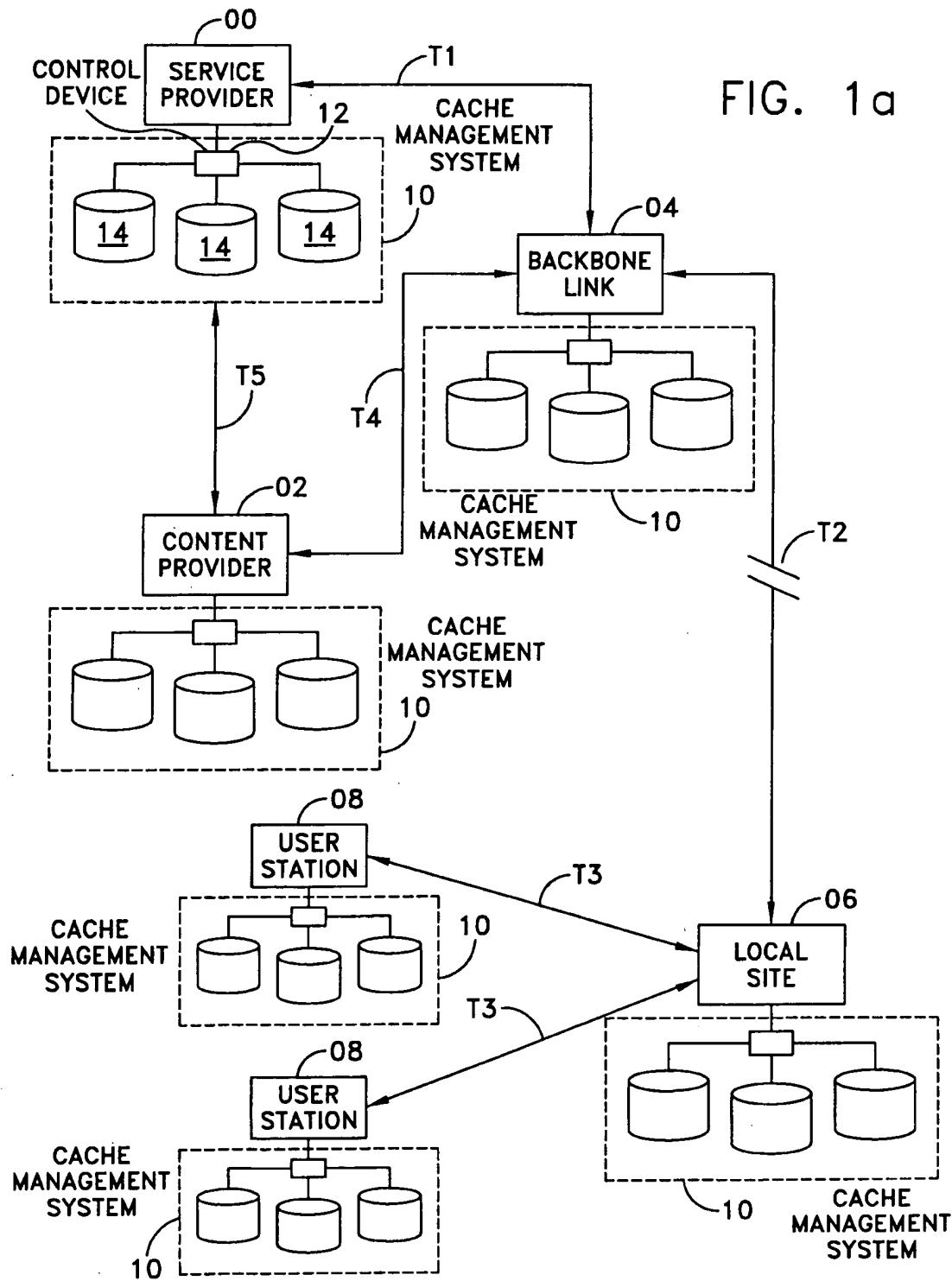


FIG. 1a



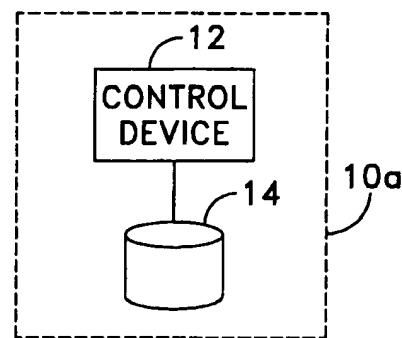
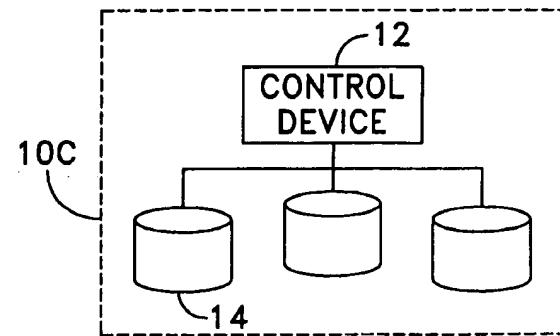
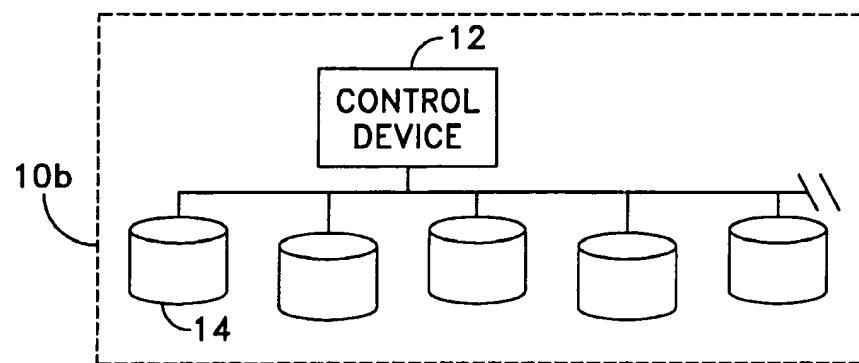


FIG. 1b





CACHE MANAGEMENT SYSTEM 10

CACHE MEMORY MANAGER 12

METHOD SELECTION MODULE
FIG. 2b

101

MONITOR
FIG. 2a

103

COMMAND SEND AND
RECEIVE MODULE

104

CACHE MEMORY DEVICE 14

CACHE MEMORY MANAGEMENT
METHODS STORAGE
FIGS. 3-12

100

FIG. 1c

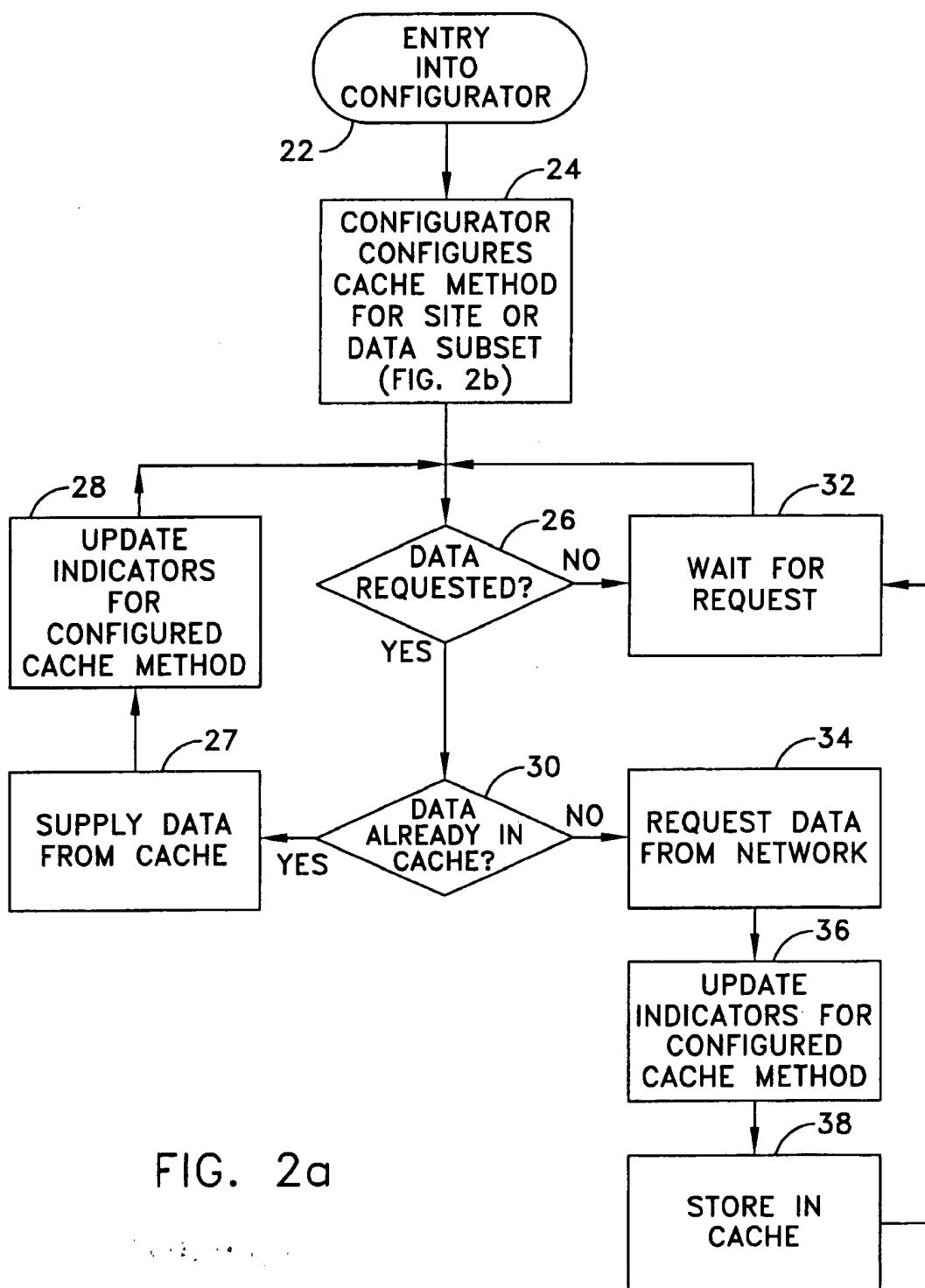
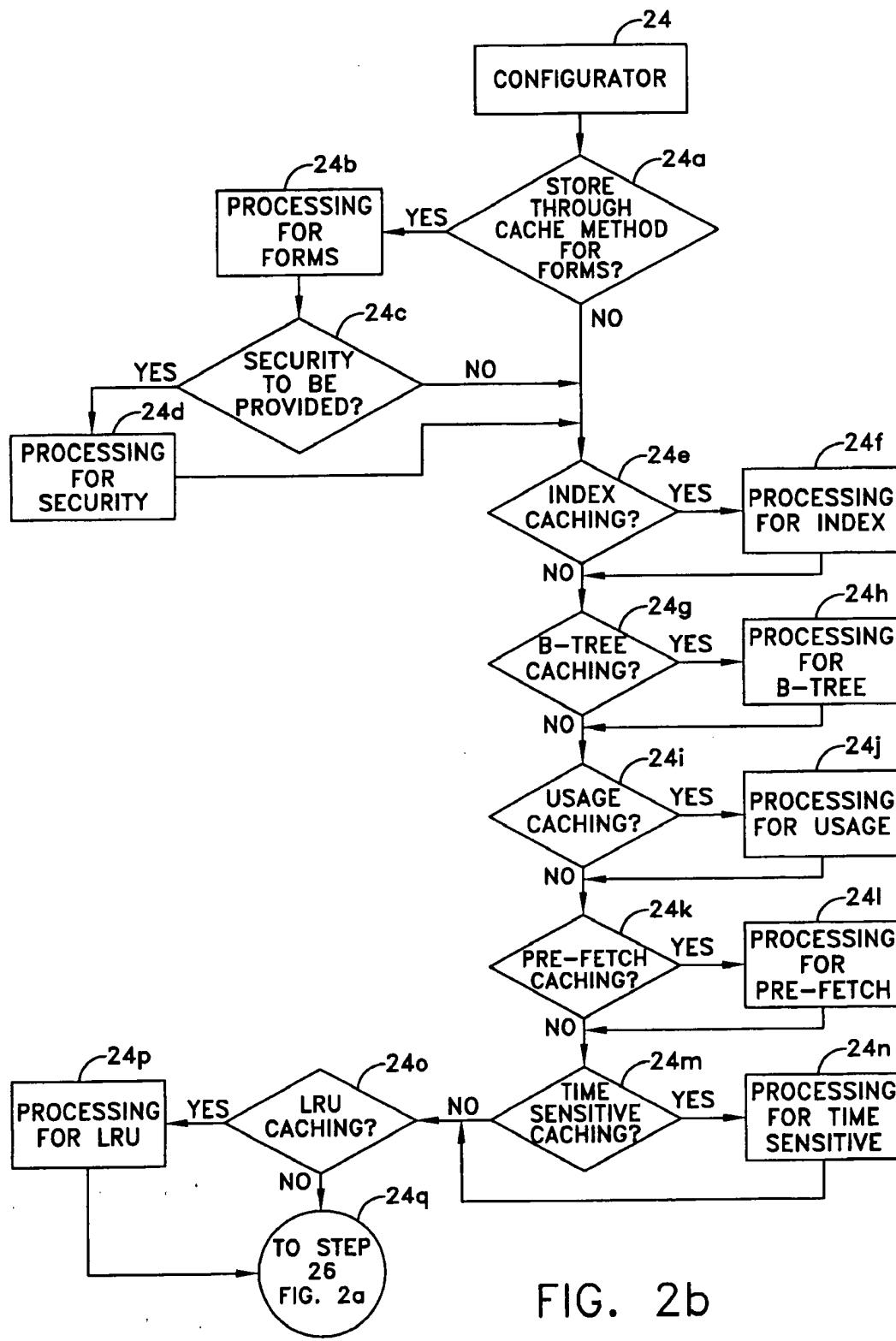


FIG. 2a



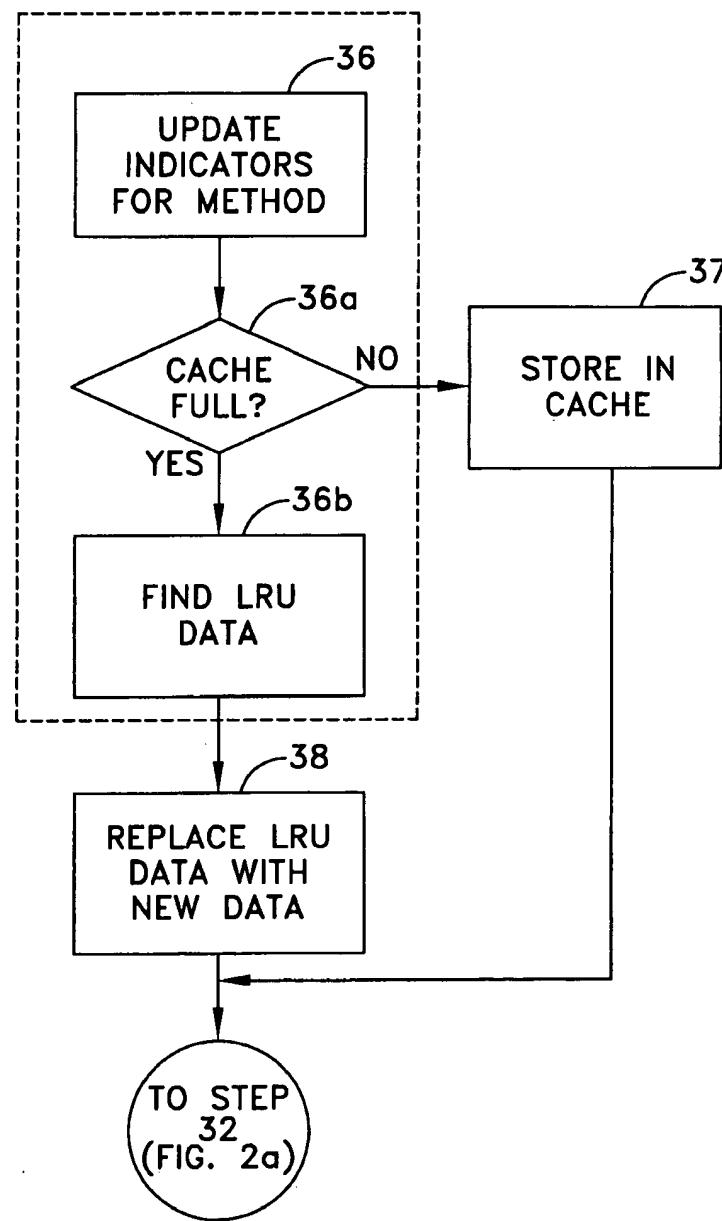


FIG. 3

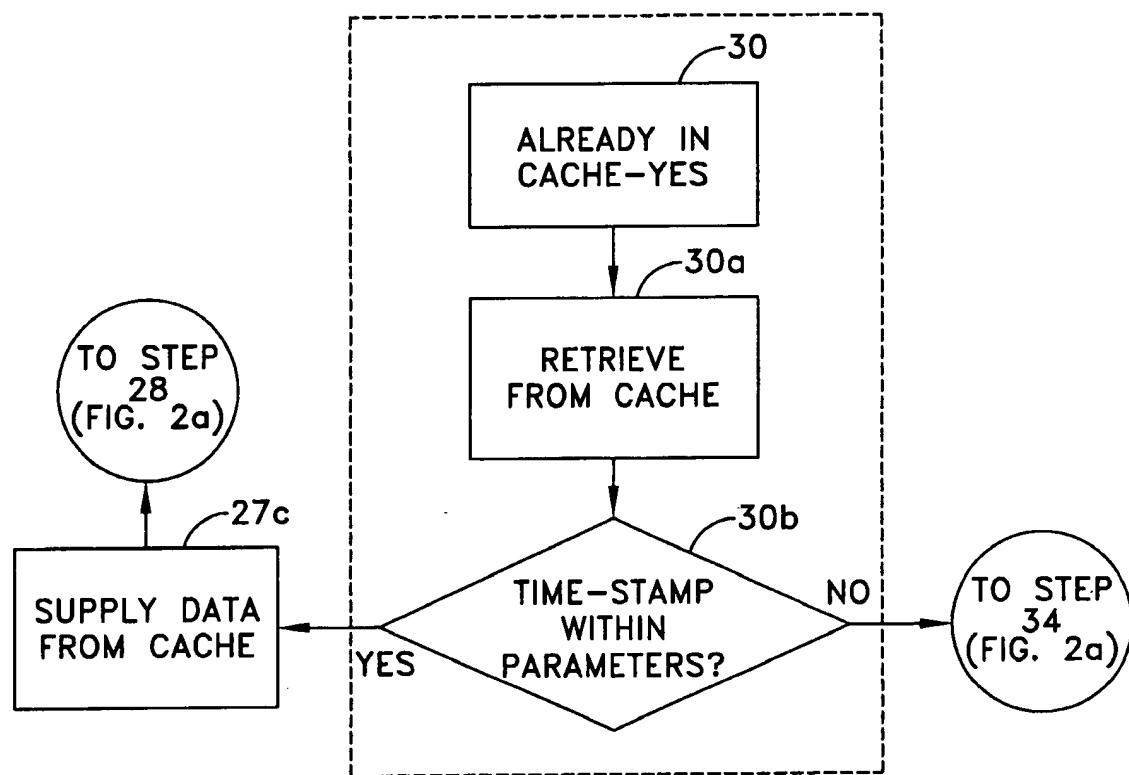


FIG. 4

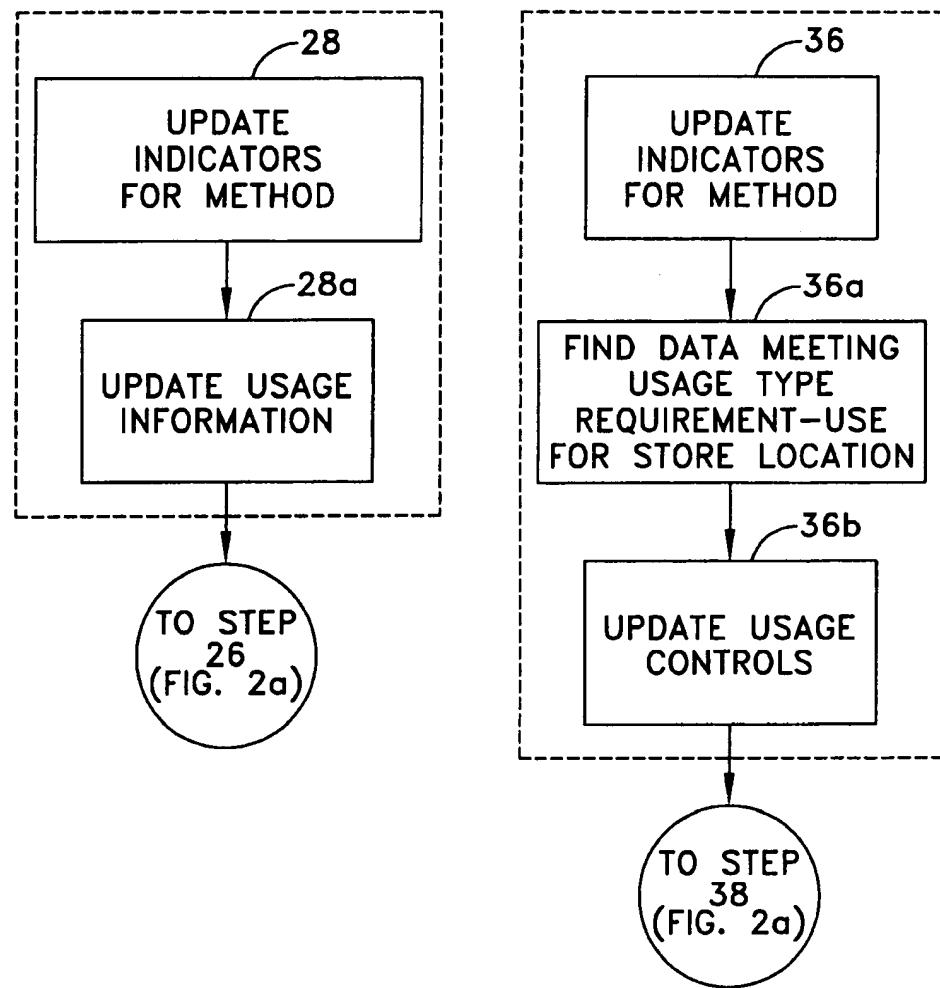


FIG. 5

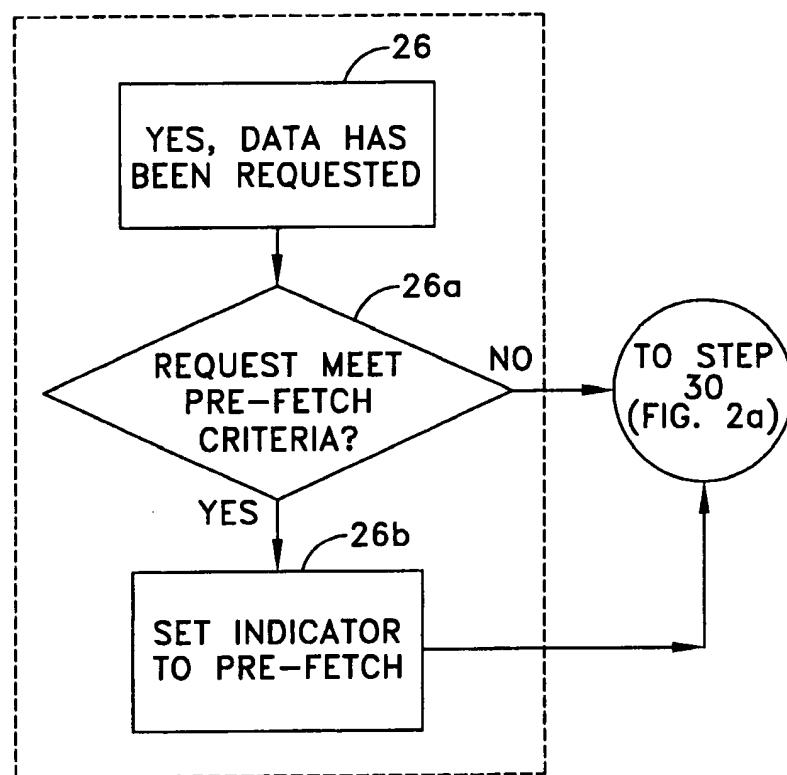


FIG. 6

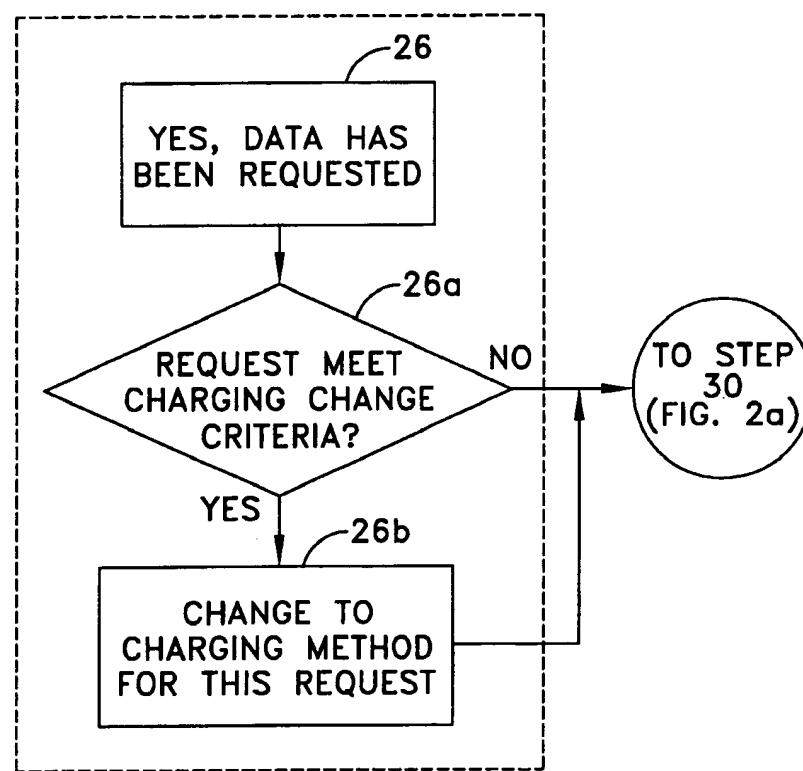


FIG. 7

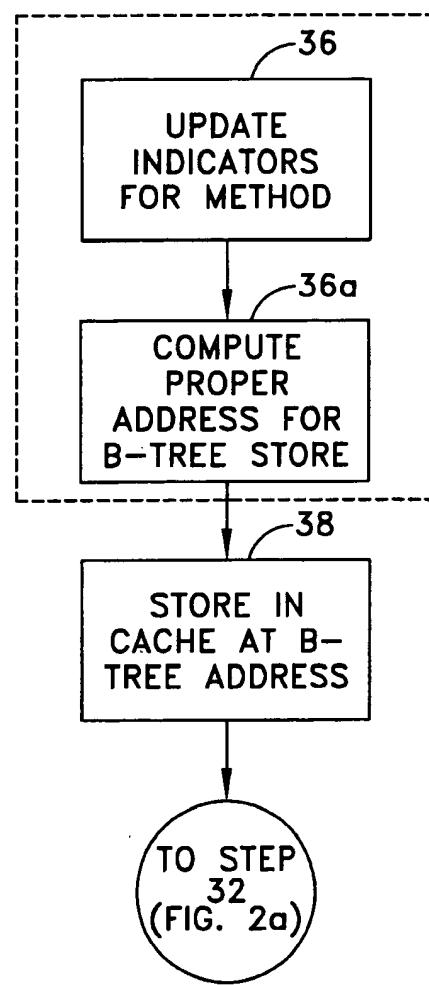


FIG. 8

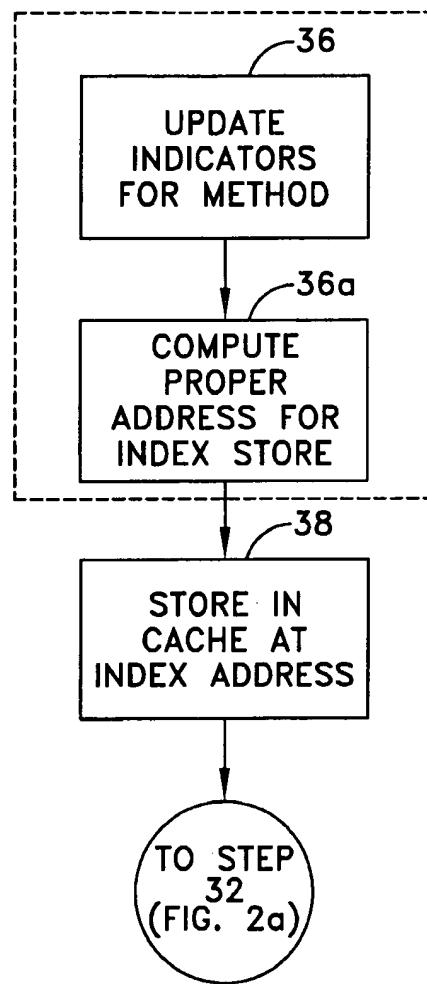


FIG. 9

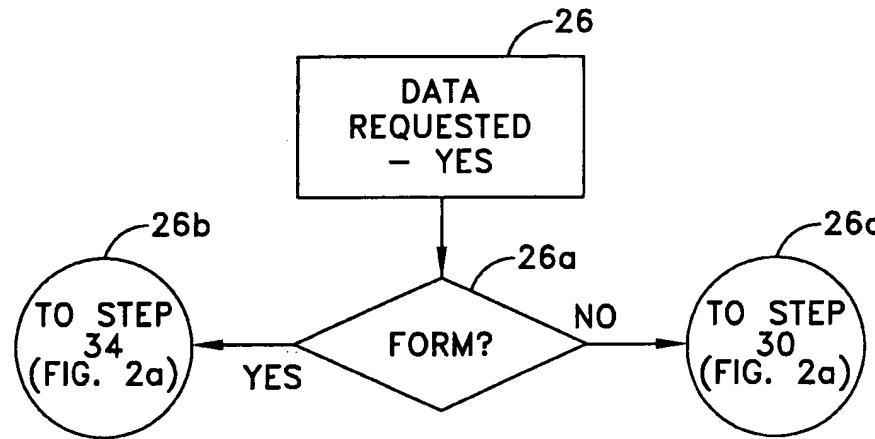


FIG. 10a

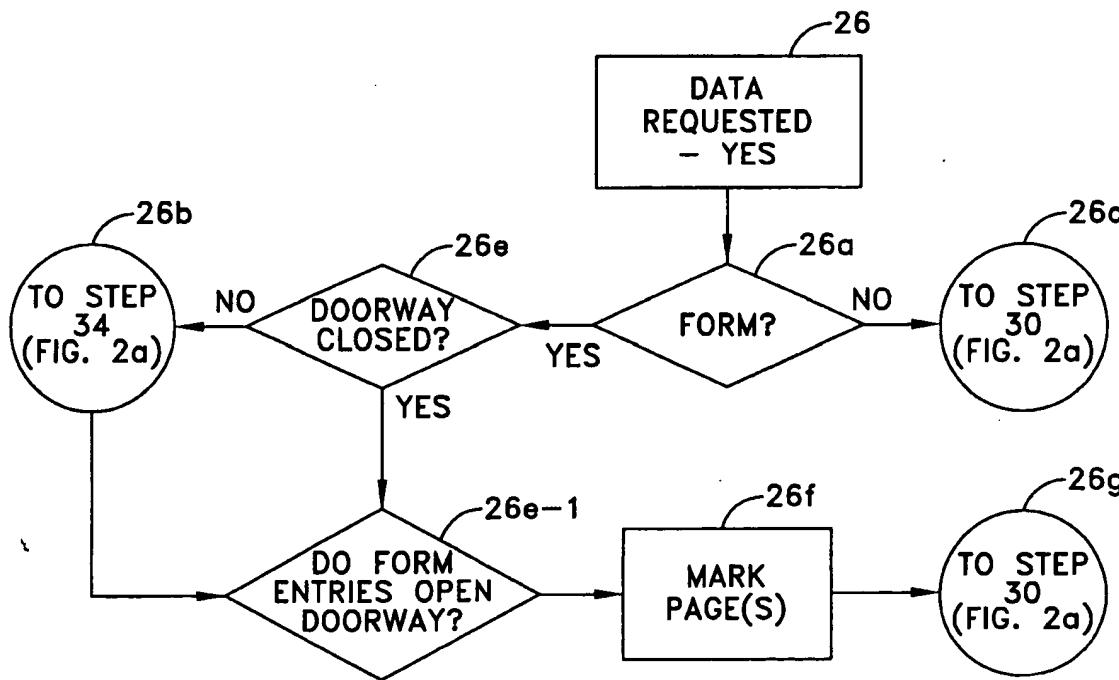


FIG. 10b



CRITERION1=STOCKNEWS, PAGENO.=10

AA
IF [CRITERION1] IS EQUAL TO VALUE1 AT LOCATIONX IN PAGE_HEADER,
THEN PRE-FETCH [PAGENO.] PAGES,
ELSE, PROCESS TO NEXT STEP.

FIG. 11

OPENING HOUR=1000, CLOSING HOUR=1600, VALUE1=15
CC
IF TIME_STAMP IN PAGE_HEADER IS GREATER THAN [OPENING HOUR] &
LESS THAN [CLOSING HOUR], REFRESH PAGE IF [VALUE1] MINUTES HAVE
ELAPSED SINCE TIME-STAMP,
ELSE, PROCESS TO NEXT STEP.

FIG. 12



PROTOCOL	DOMAIN	PORT	DIRECTORY	PATH	OBJECT	SPOT
ftp	x.com	####	hypertext/www	addressing	/addressing.html	#SPOT
gopher	x.edu					
http	x.gov					
mailto	x.mil					
news	x.net					
t Inet	x.org					
wais						
file						

FIG. 13



TYPE	EXAMPLES
i image	
ii	
iii	
s1 sound	 specification talk, 77k<A>
s2	 specification talk, 77k<A>
v1 video	 Video, 77k<A>
f1 form	<FORM METHOD="POST" ACTION= "/cgi/usr-inf">....

FIG. 14



f1

Entry verification

f1a Name

f1b Userid

f1c Password

f1d Submit

A rectangular form titled "Entry verification". Inside, there are four text input fields labeled "Name", "Userid", and "Password" with corresponding labels "f1a", "f1b", and "f1c" to their left. Below these is a "Submit" button with a corresponding label "f1d" to its left. The entire form is enclosed in a large rectangular border.

FIG. 15